

**CLAIM LISTING**

A listing of an entire set of claims 1-13 is submitted herewith per 37 C.F.R. §1.121. This listing of claims 1-13 will replace all prior versions, and listings, of claims in the application.

1. (Previously Presented) An activity monitor comprising:  
  
a measurement unit including a plurality of motion sensors operable to produce  
  
respective sensor signals indicative of motion experienced thereby; and  
  
a processor operable to receive the sensor signals from the measurement unit and to  
  
process the sensor signals in accordance with a predetermined method,  
  
characterized in that the activity monitor is operable to monitor and process the sensor  
  
signals discontinuously in time and the processor is operable to monitor the sensor signals in  
  
turn.
2. (Original) An activity monitor as claimed in claim 1, wherein the measurement unit is  
  
operable to output the sensor signals discontinuously in time.
3. (Previously Presented) An activity monitor as claimed in claim 1, wherein the processor  
  
is operable to monitor the sensor signals discontinuously in time.
4. (Cancelled)

5. (Original) An activity monitor as claimed in claim 1, wherein the processor is operable to enter a monitoring mode of operation in which the processor monitors the sensor signals and to enter a standby mode of operation in which no monitoring takes place.
6. (Original) An activity monitor as claimed in claim 5, wherein the processor is operable to enter the monitoring mode and the standby mode alternately.
7. (Original) An activity monitor as claimed in claim 6, wherein respective time periods for the monitoring and standby modes are variable.
8. (Original) An activity monitor as claimed in claim 6, wherein respective time periods for the monitoring and standby modes are fixed.
9. (Previously Presented) A method of monitoring activity using a plurality of motion sensors which are operable to produce respective sensor signals indicative of motion experienced thereby, the method comprising receiving the sensor signals and processing the sensor signals in accordance with a predetermined method, characterized in that the sensor signals are monitored and processed discontinuously in time and the sensor signals are monitored in turn.

10. (Original) A method as claimed in claim 9, comprising alternately monitoring the sensor signals and operating in a standby mode, in which no monitoring takes place, for respective time periods.

11. (Original) A method as claimed in claim 10, wherein the respective time periods are variable.

12. (Original) A method as claimed in claim 10, wherein the respective time periods are fixed.

13. (Cancelled)